

# A coalition to enable the potential of seaweed



## The Safe Seaweed Coalition



safe  
seaweed  
coalition <sup>21</sup>





☛ Sustainable food source for human consumption

☛ Seaweed biofuel

☛ Fertilisers restoring nutrients to soils  
☛ Sustainable livestock feed

☛ Absorbing pollutants from ocean water  
☛ Providing safe habitats for juvenile marine species  
☛ Regenerative ocean farming

☛ Carbon sequestration and storage  
☛ Ocean deacidification  
☛ Reduced methane emissions from livestock farming

☛ Currently large part of work in this sector is carried out by women

☛ Biodegradable packaging  
☛ Suited to local processing

☛ Vitamins, pharmaceuticals and other health products

☛ Enormous growth potential of sector across multiple markets

# From the Seaweed manifesto to The Safe Seaweed Coalition

Led by :



Lloyd's Register  
Foundation



United Nations  
Global Compact

Editorial team gathering experts from :



Food and Agriculture  
Organization of the  
United Nations

The Nature  
Conservancy



WORLD  
RESOURCES  
INSTITUTE



WWF



THE WORLD BANK



SAMS  
Scottish Association  
for Marine Science



OCEANS·2050



SEAWEED  
REVOLUTION  
A MANIFESTO FOR A SUSTAINABLE FUTURE



Check more at

[www.seaweedmanifesto.com](http://www.seaweedmanifesto.com)





safe  
seaweed  
coalition

The Safe Seaweed Coalition is a global partnership funded by Lloyd's Register Foundation and established to oversee the safety and sustainability of the seaweed industry as it scales up.

## Objective :

working together to realize the full potential of the seaweed industry and to ensure its safety for consumers, for workers and for the environment.

### CONSUMER SAFETY

Defining commonly agreed safety standards for seaweed products used by consumer

### ENVIRONMENTAL SAFETY

Ensuring scaled-up production and processing of seaweed is sustainable and restores ecosystems

### OCCUPATIONAL SAFETY

Ensuring welfare of workers is protected at every stage of the seaweed value chain



## Secretariat



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# Our Global Governance

## Advisory Board

## Steering Committee



- Alpha Impact Investment., USA
- Ningbo Univ. China
- Asia Affinity, Hapan
- Cape Breton Univ., CN
- Europ. Commission
- Kelp Blue, Namibia
- METRO, Germany
- Unilever
- Seadling, Malaysia
- Seaweed Solution, NO
- Systemiq, UK
- Wageningen Univ, NL
- ASC Standards
- Los Lagos Univ. Chili
- Cape Town Univ., SA
- The Nature Conservancy

- Australian Seaweed Association
- Korean Nori Association
- Sea Grant, USA
- FAO
- The GEF
- CNRS, France
- Lloyd's Register Foundation
- Nestlé
- Riken Food, Japan
- SAMS, United Kigdom
- SINTEF, Norway
- United Nation Global Compact
- WWF
- Zanzibar Seaweed Cluster, Tanzania

# Advocacy: Global engagement



GENERAL ASSEMBLY



LISBON  
27 JUNE -  
1 JULY  
2022



# Science Leadership



CNRS • SORBONNE UNIVERSITÉ  
Station Biologique  
de Roscoff



# 2022 Action Pillars

- ★ **Funding:** Supporting a safe and scaled-up seaweed industry through targeted funding
- ★ **Advocacy:** Spreading the narrative in global forums, delivering on the Coalition's impact
- ★ **Science:** Sharing knowledge and safety best practices, feeding into policymaking





✓ 990+ members

✓ 400 registered companies & institutions

Join: <https://www.safeseaweedcoalition.org/members/>

**Coast 4C Limited**

Empowering small-scale fishers to restore the ocean through regenerative seaweed farming

**Details**

- Headquarters: Manila, Philippines
- Year founded: 2013
- Organization Type: Traditional Company
- Stage of Development: Pre-A Series A
- Value Chain Impact: Supply Chain Logistics, Collection/Storage, Waste Management, Supply, Admin
- Tags: Ocean, Public, Seaweed, Social
- Seeking: Expert/Team, Funding, Early Adopters, Partnerships
- Value Chain: Field & Production, Research, Application, Production/Manufacturing, Others
- Headquarters: Manila/Philippines/Asia
- Seaweed Type: M2
- Company Size: 11-50

**Links**

**Key Contacts**

**Nicholas Hill**  
Co-Founder, CEO

Michelle has expertise in livelihoods, conservation, sustainable coastal enterprises. He holds a PhD in Conservation Science and an MSc degree in Environmental Technology and Coastal Management from the Imperial College London and a B.Sc. from Deakin University through the University of Edinburgh.

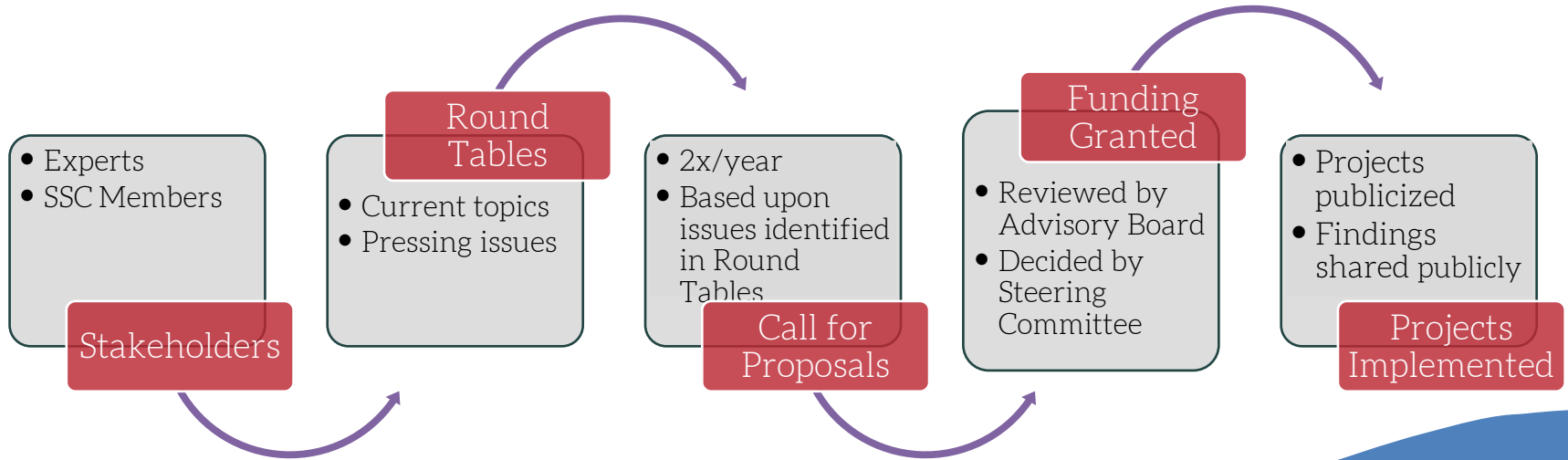


Promote your solution!

# Funding: Calls for Proposals

2021 Call: issued at end-July 2021, topics based on round tables

2022 1st Call: grantees announced in Lisbon



## 2021 Grantees



ALFRED-WEGENER-INSTITUT  
HELMHOLTZ-ZENTRUM FÜR POLAR-  
UND MEERESFORSCHUNG



KELP FOREST  
FOUNDATION



ULPGC  
Universidad de  
Las Palmas de  
Gran Canaria

Fundación  
Parque Científico  
Tecnológico



B'ZEOS  
GREEN TECH



MARINE ENVIRONMENT  
AND RESOURCES  
FOUNDATION, INC.



UNIVERSITI  
MALAYA

Sea PoWer c/o Aqua-Farms  
Aber Actives

## 2022 1<sup>st</sup> Call Grantees

Blue[c]weed (New Caledonia)

Nosy Boraha Seaweed (Madagascar)  
National Institute of Marine Sciences  
and Technologies (Tunisia)

GreenWave (USA)

Coast 4C (Philippines)

Healthy Seaweed Co. Limited (Tanzania)

Ocean Approved LLC (USA)

Senegalese Institute for Agricultural  
Research (Senegal)

# CALL FOR PROPOSALS 2021

71 high-level proposals across **33** countries on all continents (except Antarctica)

15 projects selected for funding, with a total value of about **€700K**.

Next in Spring 2022

Bzeo's  
(Norway)  
Bring to the  
market  
Seaweed  
Packaging

Alfred  
Wegener  
Institute  
(Germany)  
European-  
wide  
strategy to  
conserve  
genetic  
seaweed  
resources

Marine  
Environment and  
Resources  
Foundation  
(Philippines)  
Selection and  
curation of safe  
and healthy  
eucheumatoid  
seedlings

Universiti  
Malaya  
(Malaysia)  
A global  
taxonomic  
framework for  
the  
carrageenan  
industry

SUBMARINER  
Network  
(Germany)  
Baltic  
Seaweed  
Biosafety

Kelp Forest  
Foundation  
(Namibia)  
Biodiversity  
impact of  
Kelp  
cultivation

Notpla  
(UK)  
Pilot  
program for  
seaweed-  
based  
packaging

Ningbo  
University  
(China)  
Technical  
Training for  
Seaweeds  
Cultivation  
and Safe  
Production

Yunus  
Foundation  
(Thailand)  
A social  
business  
model for  
safe and  
sustainable  
growth of the  
seaweed  
industry

Ocean  
Farmers  
(Madagascar)  
Identifying  
superior  
cultivars for  
commercial  
production

Fundación ULPGC  
(Spain)  
Culture  
Collection of  
seaweeds from  
the  
Macaronesian  
region

Universidad  
de Los Lagos  
(Chile)  
Coalition  
for Safe  
Seaweeds  
in the  
Americas

Sea Health  
(Australia)  
Introducing  
kelp farming  
aquaculture  
to NSW,  
Australia

Universidad Austral  
(Chile)  
Characterization  
and biobanking  
of economically-  
relevant pests  
and pathogens  
of Agarophyton  
chilensis

Aber Actives  
(France)  
Algal  
biorefinery  
using  
natural  
marine  
bacteria.

Sea Power  
(Tanzania)  
Seaweed  
farming  
innovation  
for women's  
empowerment



Seaweed  
Coalition

# Thank you!

[www.safeseaweedcoalition.org](http://www.safeseaweedcoalition.org)

